

Listing of Claims:

18. (currently amended) A kit for delivering a substance to two or more ductal networks in a breast, said kit comprising:

an apparatus comprising at least two ductal access probes each having a lumen and being configured for introduction into a respective one of the ductal networks of the breast; and instructions including steps for using said apparatus, said instructions comprising the steps of:

a) introducing a respective one of said ductal access probes into each of at least two of the ductal networks in the breast through a ductal orifice of each of said respective ductal networks;

b) simultaneously delivering a substance to at least two of the ductal networks; and

c) simultaneously collecting a ductal fluid sample from the at least two ductal networks using a plurality of said introduced ductal access probes.

19. (Original) The kit according to claim 18 wherein a plurality of the ductal access probes are fluidly connected by a manifold so that a substance may be delivered simultaneously to the connected probes through the manifold.

20. (Original) The kit according to claim 19 wherein all of the ductal access probes are fluidly connected to the manifold so that fluid may be delivered simultaneously to all probes.

21. (Original) The kit according to claim 18 further comprising a plurality of receptacles, each receptacle for receiving material collected from a respective one of said ductal networks.

22. (Original) The kit according to claim 18 wherein said instruction further include the step of collecting fluid from each accessed ductal network, wherein the fluid is collected separately so that fluid from one of the ductal networks is free of fluid from another of the ductal networks.

23. (Original) The kit according to claim 18 wherein said instructions further comprise the step of:

closing fluid flow valves in each of the lumens of the ductal access probes not inserted in one of the ductal networks while fluid is infused into the accessed ductal networks through the introduced ductal access lumens.

24. (Original) The kit according to claim 18 further comprising a plurality of collection tubes, wherein each collection tube is connected to a respective one of said ductal access probes.

25. (Original) The kit according to claim 24 wherein each said ductal access probe comprises a fluid control device capable of controlling fluid flow in the lumen of each respective ductal access probe, and each collection tube comprises a fluid control device capable of controlling fluid flow in each respective collection tube.

26. (Original) The kit according to claim 18 further comprising a manifold having at least two outlets; and wherein at least one of said outlets is connected to at least one of said ductal access probes, at least one of said outlets is free of a connection to one of said ductal access probes and the at least one unconnected outlet is closed to fluid flow.

27. (Original) The kit according to claim 26 wherein the ductal access probes are removably connectable to the manifold and wherein at least one of said outlets is configured. upon removal of a respective one of said ductal access probes therefrom, for closure to fluid flow.

28. (Original) A kit for simultaneously accessing two or more ductal networks in a breast, said kit comprising:

an apparatus for simultaneously accessing two or more ductal networks in a breast, said apparatus comprising: a manifold having an inlet for receiving fluid and at least two outlets; at least two individual ductal access probes, each ductal access probe having a lumen connected to a respective one of said at least two outlets and configured for insertion through an orifice of a ductal network; and a collection tube connected to at least one probe for receiving biological material from within the breast; and

instructions including steps for using said apparatus, said instructions comprising the steps of:

a) introducing a respective one of said ductal access probes into each of at least two of the ductal networks in the breast through a ductal orifice of each of said respective ductal networks;

b) delivering a substance to at least two of the ductal networks; and

c) collecting a ductal fluid sample from the at least two ductal networks using a plurality of said ductal access probes.

29. (Original) The kit according to claim 28 wherein said collection tube further comprises a fluid control device capable of controlling fluid flow in said collection tube.

30. (Original) The kit according to claim 28 wherein at least one of said ductal access probes further comprises a fluid control device capable of controlling fluid flow in said lumen of said at least one probe.

31. (Original) The kit according to claim 28 wherein the collection tube further comprises a fluid control device capable of controlling fluid flow in said collection tube, and wherein at least one of said probes further comprises a fluid control device capable of controlling fluid flow in the lumen of said at least one of said probes.

32. (Original) The kit according to claim 28 further comprising a plurality of collection tubes, wherein each collection tube is connected to a respective one of said ductal access probes.

33. (Original) The kit according to claim 32 wherein each said ductal access probe comprises a fluid control device capable of controlling fluid flow in the lumen of each respective ductal access probe, and each collection tube comprises a fluid control device capable of controlling fluid flow in each respective collection tube.

34. (Original) The kit according to claim 28 wherein at least one of said outlets is unconnected to a respective one of said ductal access probes and the at least one unconnected outlet is closed to fluid flow.